

VALVE SYSTEM WITH AIR-READMISSION MECHANISM

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Abstract of the Disclosure

A valve system for facilitating the discharge of a substance from a container. The valve system includes a first valve adapted for: (a) preventing discharge of the substance when a pressure difference between the container's interior and the container's exterior is below a first predetermined limit value; and (b) allowing 10 discharge of the substance when the pressure difference between the container's interior and the container's exterior is larger than the first predetermined limit value. The valve system also includes a second valve adapted for: (a) allowing the readmission of air into the container when the pressure difference between the container's interior and the container's exterior is smaller than a second predetermined 15 limit value; and (b) preventing the readmission of air into the container when the pressure difference between the container's interior and the container's exterior is larger than the second predetermined limit value.